

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E80824

Employer : Hargis Engineers, Inc

Worksite :

Street : 600 Stewart St Suite 1000

Jurisdiction : City of Seattle

Participation : CTR

Status : Affected

Survey Type : Online

Response Rate : 98%

Survey Date : 11/9/2019

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 70.9%

Drive Alone Rate : 29.1%

One-Way VMT per employee : 5.1

Average One-Way distance home to work : 16.8

Employees and Survey Response Information

Reported Total Employees at Worksite : 170

Surveys Distributed : 163

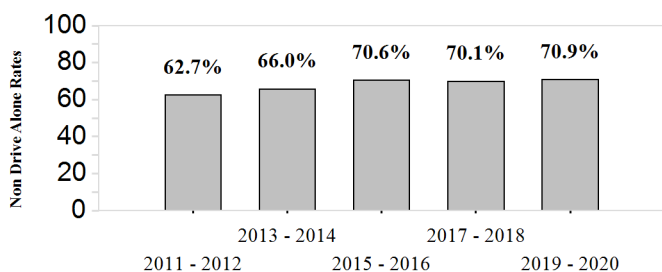
Surveys Returned : 160

Surveys Returned by CTR Affected* Employees : 157

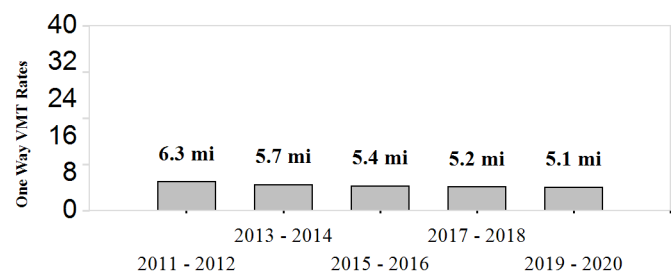
Total Estimated CTR Affected Employees at Worksite : 160

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

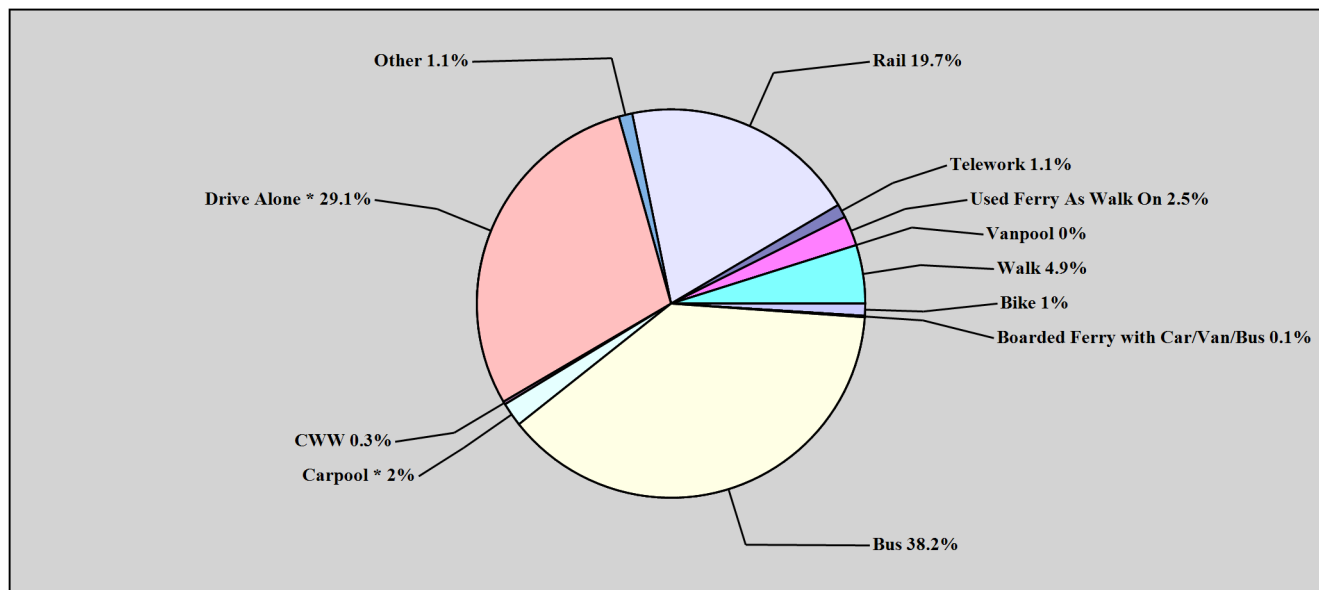
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2009 - 2010	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2011 - 2012	62.7%	62.9%	125	132	6.9	6.3	6.1
2013 - 2014	66.0%	68.3%	123	123	6.4	5.7	5.1
2015 - 2016	70.6%	70.8%	132	141	7.3	5.4	5.2
2017 - 2018	70.1%	71.7%	143	174	9.0	5.2	4.8
2019 - 2020	70.9%	70.8%	182	193	10.0	5.1	5.1
Target	80.0%				Target:	N/A	
% Point Change Target:	17.3				% Change Target:	N/A	
% Point Change from Baseline:	8.2				% Change from Baseline:	-19.0%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



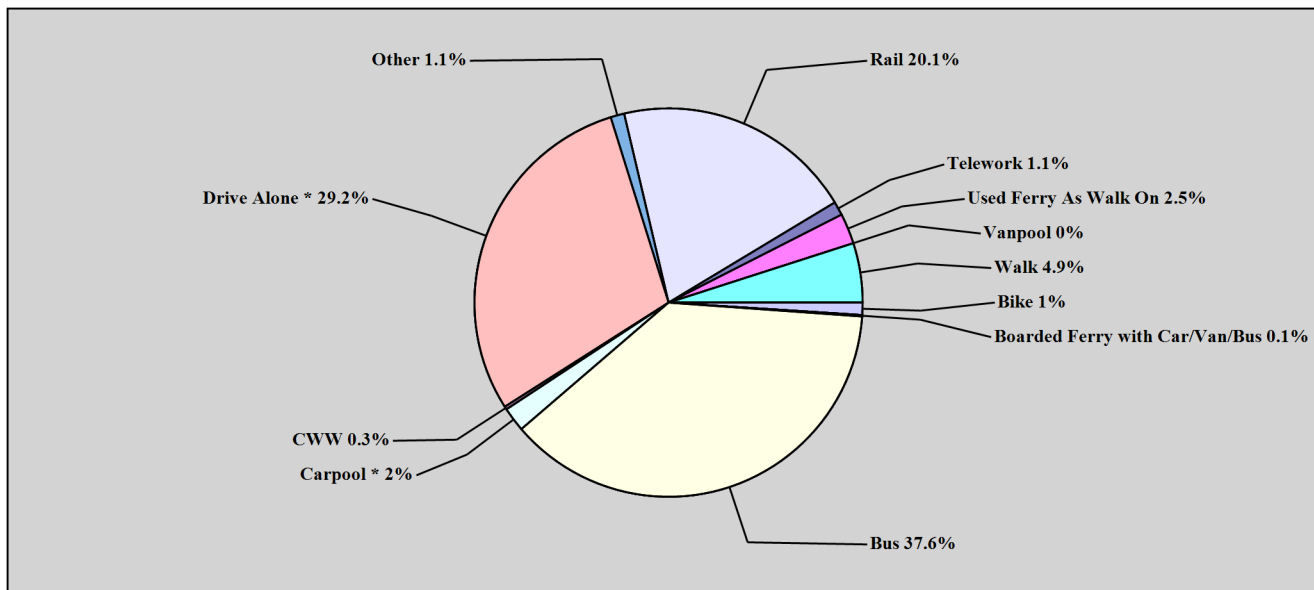
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	233	29.1%	29.9%	62	38.8%	39.2%
Carpool *	16	2.0%	1.5%	4	2.5%	4.0%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	306	38.2%	41.7%	67	41.9%	47.2%
Rail	158	19.7%	15.5%	35	21.9%	16.8%
Bike	8	1.0%	2.1%	2	1.3%	4.8%
Walk	39	4.9%	3.9%	8	5.0%	4.0%
Telework	9	1.1%	1.9%	7	4.4%	4.0%
CWW	2	0.3%	0.0%	1	0.6%	0.0%
Boarded Ferry with Car/Van/Bus	1	0.1%	0.8%	1	0.6%	0.8%
Used Ferry As Walk On	20	2.5%	2.4%	4	2.5%	2.4%
Other	9	1.1%	0.3%	4	2.5%	0.8%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	230	29.2%	28.3%	61	38.9%	37.3%
Carpool *	16	2.0%	1.5%	4	2.5%	4.2%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	296	37.6%	42.4%	65	41.4%	48.3%
Rail	158	20.1%	16.4%	35	22.3%	17.8%
Bike	8	1.0%	2.2%	2	1.3%	5.1%
Walk	39	4.9%	4.1%	8	5.1%	4.2%
Telework	9	1.1%	1.4%	7	4.5%	2.5%
CWW	2	0.3%	0.0%	1	0.6%	0.0%
Boarded Ferry with Car/Van/Bus	1	0.1%	0.9%	1	0.6%	0.8%
Used Ferry As Walk On	20	2.5%	2.6%	4	2.5%	2.5%
Other	9	1.1%	0.3%	4	2.5%	0.8%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	37	23%	160	100%
1 Days	3	2%	123	77%
2 Days	9	6%	120	75%
3 Days	5	3%	111	69%
4 Days	6	4%	106	66%
5 Days	95	59%	100	63%
6 or More Days	5	3%	5	3%

Count by Occupancy of Carpools and Vanpools

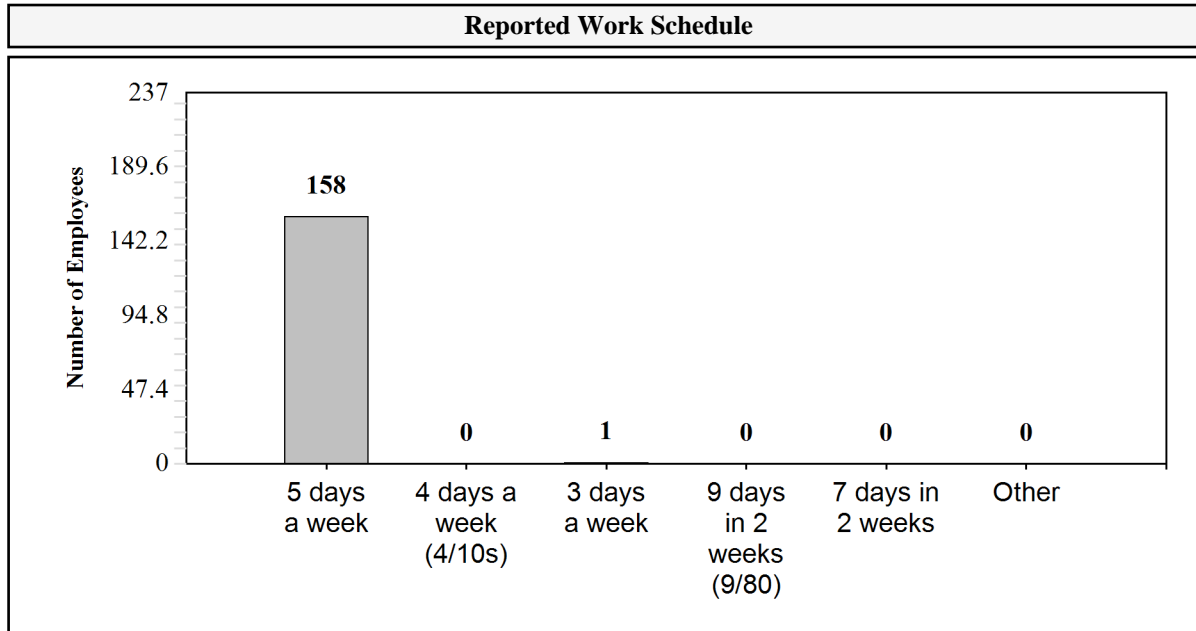
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	11
3	Carpool	5
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

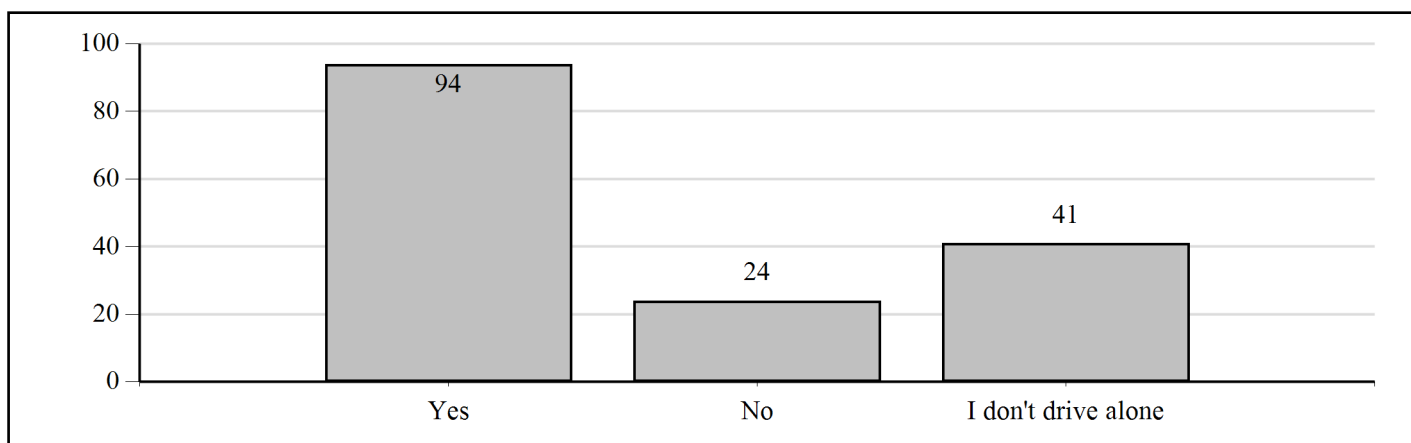
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	158	99.4%
4 days a week (4/10s)	0	0%
3 days a week	1	0.6%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	0	0%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	114	71.3%
Occasionally, on an as-needed basis	37	23.1%
1-2 days/month	7	4.4%
1 day/week	1	0.6%
2 days/week	1	0.6%
3 days/week	0	0.0%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	84	22.4%
Cost of parking or lack of parking	76	20.3%
To save money	60	16.0%
Environmental and community benefits	38	10.1%
Personal health or well-being	26	6.9%
To save time using the HOV lane	25	6.7%
Driving myself is not an option	18	4.8%
Other	17	4.5%
I have the option of teleworking	15	4.0%
Financial incentives for carpooling, bicycling or walking.	7	1.9%
I receive a financial incentive for giving up my parking space	4	1.1%
Emergency ride home is provided	3	0.8%
Preferred/reserved carpool/vanpool parking is provided	2	0.5%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	82	23.2%
Riding the bus or train is inconvenient or takes too long	78	22.0%
Family care or similar obligations	70	19.8%
My job requires me to use my car for work	58	16.4%
Other	38	10.7%
My commute distance is too short	13	3.7%
Bicycling or walking isn't safe	8	2.3%
I need more information on alternative modes	6	1.7%
There isn't any secure or covered bicycle parking	1	0.3%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98117	8	5.00%	21	0	0	0	17	0	0	0	0	0	0	0	3
98031	5	3.13%	0	0	0	0	0	25	0	0	0	0	0	0	0
98102	5	3.13%	3	0	0	2	0	15	0	5	0	0	0	0	0
98011	4	2.50%	3	0	0	0	16	0	0	0	1	0	0	0	0
98027	4	2.50%	12	0	0	0	8	0	0	0	0	0	0	0	0
98056	4	2.50%	8	0	0	0	5	5	0	0	2	0	0	0	0
98072	4	2.50%	12	0	0	1	5	0	0	0	0	0	0	0	2
98004	3	1.88%	3	0	0	0	12	0	0	0	1	0	0	0	0
98008	3	1.88%	8	0	0	0	5	0	0	0	0	0	0	0	0
98032	3	1.88%	5	0	0	0	5	5	0	0	0	0	0	0	0
98036	3	1.88%	11	0	0	0	5	0	0	0	0	0	0	0	0
98092	3	1.88%	2	0	0	0	0	13	0	0	0	0	0	0	0
98101	3	1.88%	5	0	0	0	0	0	0	10	0	0	0	0	0
98103	3	1.88%	0	5	0	0	10	0	0	0	0	0	0	0	0
98104	3	1.88%	1	0	0	0	1	0	0	13	0	0	0	0	0
98109	3	1.88%	3	0	0	0	12	0	0	0	0	0	0	0	0
98115	3	1.88%	9	0	0	0	9	0	0	0	0	0	0	0	0
98119	3	1.88%	3	0	0	0	9	0	0	0	0	2	0	0	0
98122	3	1.88%	0	0	0	0	0	7	8	0	0	0	0	0	0
98126	3	1.88%	0	0	0	0	12	0	0	0	0	0	0	0	0
98144	3	1.88%	5	0	0	0	9	0	0	0	0	0	0	0	1
98155	3	1.88%	10	0	0	0	6	0	0	0	0	0	0	0	0
98208	3	1.88%	0	1	0	4	10	0	0	0	0	0	0	0	0
98001	2	1.25%	0	0	0	0	0	10	0	0	0	0	0	0	0
98021	2	1.25%	10	0	0	0	0	0	0	0	0	0	0	0	0
98022	2	1.25%	8	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98026	2	1.25%	4	0	0	0	5	0	0	0	1	0	1	0	0
98028	2	1.25%	0	10	0	0	0	0	0	0	0	0	0	0	0
98030	2	1.25%	5	0	0	0	0	5	0	0	0	0	0	0	0
98038	2	1.25%	0	0	0	0	10	0	0	0	0	0	0	0	0
98042	2	1.25%	5	0	0	0	0	5	0	0	0	0	0	0	0
98058	2	1.25%	0	0	0	0	5	5	0	0	0	0	0	0	0
98059	2	1.25%	8	0	0	0	0	0	0	0	2	0	0	0	0
98074	2	1.25%	10	0	0	0	0	0	0	0	0	0	0	0	0
98087	2	1.25%	5	0	0	0	7	0	0	0	0	0	0	0	0
98116	2	1.25%	0	0	0	0	10	0	0	0	0	0	0	0	0
98118	2	1.25%	0	0	0	0	0	10	0	0	0	0	0	0	0
98121	2	1.25%	0	0	0	0	0	0	0	11	0	0	0	0	0
98133	2	1.25%	0	0	0	0	10	0	0	0	0	0	0	0	0
98188	2	1.25%	0	0	0	0	0	10	0	0	0	0	0	0	0
98199	2	1.25%	10	0	0	0	0	0	0	0	0	0	0	0	0
98258	2	1.25%	0	0	0	0	7	1	0	0	0	0	0	0	0
98367	2	1.25%	0	0	0	0	5	0	0	0	0	0	0	5	0
98422	2	1.25%	0	0	0	0	10	0	0	0	0	0	0	0	0
	1	0.63%	2	0	0	0	3	0	0	0	0	0	0	0	0
98002	1	0.63%	3	0	0	0	0	0	0	0	0	0	0	0	0
98006	1	0.63%	0	0	0	0	5	0	0	0	0	0	0	0	0
98012	1	0.63%	0	0	0	0	5	0	0	0	0	0	0	0	0
98019	1	0.63%	1	0	0	0	5	0	0	0	0	0	0	0	0
98023	1	0.63%	0	0	0	0	5	0	0	0	0	0	0	0	0
98029	1	0.63%	0	0	0	0	5	0	0	0	0	0	0	0	0
98033	1	0.63%	0	0	0	0	5	0	0	0	0	0	0	0	0
98034	1	0.63%	2	0	0	0	0	0	0	0	0	0	0	0	3
98040	1	0.63%	0	0	0	0	5	0	0	0	0	0	0	0	0
98045	1	0.63%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98047	1	0.63%	0	0	0	0	0	5	0	0	0	0	0	0	0
98065	1	0.63%	4	0	0	0	0	0	0	0	1	0	0	0	0
98075	1	0.63%	5	0	0	0	0	0	0	0	0	0	0	0	0
98077	1	0.63%	0	0	0	0	5	0	0	0	0	0	0	0	0
98105	1	0.63%	0	0	0	0	0	5	0	0	0	0	0	0	0
98106	1	0.63%	0	0	0	0	5	0	0	0	0	0	0	0	0
98107	1	0.63%	1	0	0	0	4	0	0	0	0	0	0	0	0
98110	1	0.63%	0	0	0	0	0	0	0	0	0	0	0	5	0
98112	1	0.63%	3	0	0	0	1	1	0	0	0	0	0	0	0
98125	1	0.63%	0	0	0	0	5	0	0	0	0	0	0	0	0
98136	1	0.63%	0	0	0	0	4	0	0	0	1	0	0	0	0
98166	1	0.63%	1	0	0	0	0	5	0	0	0	0	0	0	0
98178	1	0.63%	0	0	0	0	0	5	0	0	0	0	0	0	0
98203	1	0.63%	0	0	0	0	4	1	0	0	0	0	0	0	0
98223	1	0.63%	0	0	0	0	5	0	0	0	0	0	0	0	0
98252	1	0.63%	0	0	0	0	5	0	0	0	0	0	0	0	0
98292	1	0.63%	0	0	0	0	5	0	0	0	0	0	0	0	0
98296	1	0.63%	0	0	0	5	0	0	0	0	0	0	0	0	0
98346	1	0.63%	0	0	0	0	0	0	0	0	0	0	0	5	0
98366	1	0.63%	0	0	0	0	0	0	0	0	0	0	0	5	0
98374	1	0.63%	0	0	0	0	0	5	0	0	0	0	0	0	0
98375	1	0.63%	0	0	0	0	0	5	0	0	0	0	0	0	0
98391	1	0.63%	0	0	0	0	0	5	0	0	0	0	0	0	0
98406	1	0.63%	5	0	0	0	0	0	0	0	0	0	0	0	0
98445	1	0.63%	0	0	0	0	0	5	0	0	0	0	0	0	0